```
<xsd:schema xmlns:xsd="http://www.w3.org/2001/XMLSchema"</pre>
xmlns="http://uri.etsi.org/01903/v1.3.2#" xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
targetNamespace="http://uri.etsi.org/01903/v1.3.2#" elementFormDefault="qualified">
  <xsd:import namespace="http://www.w3.org/2000/09/xmldsig#"</pre>
 schemaLocation="http://www.w3.org/TR/2008/REC-xmldsig-core-20080610/xmldsig-core-
 schema.xsd"/>
  <!-- Start auxiliary types definitions: AnyType, ObjectIdentifierType,
 EncapsulatedPKIDataType and containers for time-stamp tokens -->
  <!-- Start AnyType -->
 <xsd:element name="Any" type="AnyType"/>
 <xsd:complexType name="AnyType" mixed="true">
  <xsd:sequence minOccurs="0" maxOccurs="unbounded">
     <xsd:any namespace="##any" processContents="lax"/>
   </xsd:sequence>
   <xsd:anyAttribute namespace="##any"/>
 </xsd:complexType>
 <!-- End AnyType -->
 <!-- Start ObjectIdentifierType -->
 <xsd:element name="ObjectIdentifier" type="ObjectIdentifierType"/>
  <xsd:complexType name="ObjectIdentifierType">
   <xsd:sequence>
     <xsd:element name="Identifier" type="IdentifierType"/>
     <xsd:element name="Description" type="xsd:string" minOccurs="0"/>
     <xsd:element name="DocumentationReferences" type="DocumentationReferencesType"</pre>
     minOccurs="0"/>
   </xsd:sequence>
 </xsd:complexType>
  <xsd:complexType name="IdentifierType">
   <xsd:simpleContent>
     <xsd:extension base="xsd:anyURI">
       <xsd:attribute name="Qualifier" type="QualifierType" use="optional"/>
     </xsd:extension>
   </xsd:simpleContent>
 </xsd:complexType>
  <xsd:simpleType name="QualifierType">
   <xsd:restriction base="xsd:string">
     <xsd:enumeration value="OIDAsURI"/>
     <xsd:enumeration value="OIDAsURN"/>
   </xsd:restriction>
 </xsd:simpleType>
  <xsd:complexType name="DocumentationReferencesType">
   <xsd:sequence maxOccurs="unbounded">
     <xsd:element name="DocumentationReference" type="xsd:anyURI"/>
   </xsd:sequence>
 </xsd:complexType>
 <!-- End ObjectIdentifierType -->
 <!-- Start EncapsulatedPKIDataType -->
 <xsd:element name="EncapsulatedPKIData" type="EncapsulatedPKIDataType"/>
  <xsd:complexType name="EncapsulatedPKIDataType">
   <xsd:simpleContent>
     <xsd:extension base="xsd:base64Binary">
       <xsd:attribute name="Id" type="xsd:ID" use="optional"/>
       <xsd:attribute name="Encoding" type="xsd:anyURI" use="optional"/>
     </xsd:extension>
   </xsd:simpleContent>
 </xsd:complexType>
 <!-- End EncapsulatedPKIDataType -->
 <!-- Start time-stamp containers types -->
 <!-- Start GenericTimeStampType -->
  <xsd:element name="Include" type="IncludeType"/>
  <xsd:complexType name="IncludeType">
   <xsd:attribute name="URI" type="xsd:anyURI" use="required"/>
   <xsd:attribute name="referencedData" type="xsd:boolean" use="optional"/>
  </xsd:complexType>
  <xsd:element name="ReferenceInfo" type="ReferenceInfoType"/>
```

```
<xsd:complexType name="ReferenceInfoType">
 <xsd:sequence>
   <xsd:element ref="ds:DigestMethod"/>
   <xsd:element ref="ds:DigestValue"/>
 </xsd:sequence>
 <xsd:attribute name="Id" type="xsd:ID" use="optional"/>
 <xsd:attribute name="URI" type="xsd:anyURI" use="optional"/>
</xsd:complexType>
<xsd:complexType name="GenericTimeStampType" abstract="true">
 <xsd:sequence>
   <xsd:choice minOccurs="0">
     <xsd:element ref="Include" minOccurs="0" maxOccurs="unbounded"/>
     <xsd:element ref="ReferenceInfo" maxOccurs="unbounded"/>
   </xsd:choice>
   <xsd:element ref="ds:CanonicalizationMethod" minOccurs="0"/>
   <xsd:choice maxOccurs="unbounded">
     <xsd:element name="EncapsulatedTimeStamp" type="EncapsulatedPKIDataType"/>
     <xsd:element name="XMLTimeStamp" type="AnyType"/>
   </xsd:choice>
 </xsd:sequence>
 <xsd:attribute name="Id" type="xsd:ID" use="optional"/>
</xsd:complexType>
<!-- End GenericTimeStampType
<!-- Start XAdESTimeStampType
                                -->
<xsd:element name="XAdESTimeStamp" type="XAdESTimeStampType"/>
<xsd:complexType name="XAdESTimeStampType">
 <xsd:complexContent>
   <xsd:restriction base="GenericTimeStampType">
     <xsd:sequence>
      <xsd:element ref="Include" min0ccurs="0" max0ccurs="unbounded"/>
      <xsd:element ref="ds:CanonicalizationMethod" minOccurs="0"/>
      <xsd:choice maxOccurs="unbounded">
        <xsd:element name="EncapsulatedTimeStamp" type="EncapsulatedPKIDataType"/>
        <xsd:element name="XMLTimeStamp" type="AnyType"/>
      </xsd:choice>
     </xsd:sequence>
     <xsd:attribute name="Id" type="xsd:ID" use="optional"/>
   </xsd:restriction>
 </xsd:complexContent>
</xsd:complexType>
<!-- End XAdESTimeStampType -->
<!-- Start OtherTimeStampType -->
<xsd:element name="OtherTimeStamp" type="OtherTimeStampType"/>
<xsd:complexType name="OtherTimeStampType">
 <xsd:complexContent>
   <xsd:restriction base="GenericTimeStampType">
     <xsd:sequence>
      <xsd:element ref="ReferenceInfo" maxOccurs="unbounded"/>
      <xsd:element ref="ds:CanonicalizationMethod" minOccurs="0"/>
      <xsd:choice>
        <xsd:element name="EncapsulatedTimeStamp" type="EncapsulatedPKIDataType"/>
        <xsd:element name="XMLTimeStamp" type="AnyType"/>
      </xsd:choice>
     </xsd:sequence>
     <xsd:attribute name="Id" type="xsd:ID" use="optional"/>
   </xsd:restriction>
 </xsd:complexContent>
</xsd:complexType>
<!-- End OtherTimeStampType -->
<!-- End time-stamp containers types -->
<!-- End auxiliary types definitions -->
<!-- Start container types -->
<!-- Start QualifyingProperties -->
<xsd:element name="QualifyingProperties" type="QualifyingPropertiesType"/>
<xsd:complexType name="QualifyingPropertiesType">
 <xsd:sequence>
   <xsd:element ref="SignedProperties" minOccurs="0"/>
   <xsd:element ref="UnsignedProperties" min0ccurs="0"/>
 </xsd:sequence>
```

```
<xsd:attribute name="Target" type="xsd:anyURI" use="required"/>
 <xsd:attribute name="Id" type="xsd:ID" use="optional"/>
</xsd:complexType>
<!-- End QualifyingProperties --> <!-- Start SignedProperties -->
      Start SignedProperties -->
<xsd:element name="SignedProperties" type="SignedPropertiesType"/>
<xsd:complexType name="SignedPropertiesType">
 <xsd:sequence>
   <xsd:element ref="SignedSignatureProperties" min0ccurs="0"/>
   <xsd:element ref="SignedDataObjectProperties" minOccurs="0"/>
 </xsd:sequence>
 <xsd:attribute name="Id" type="xsd:ID" use="optional"/>
</xsd:complexType>
<!-- End SignedProperties --> <!-- Start UnsignedProperties
     Start UnsignedProperties -->
<xsd:element name="UnsignedProperties" type="UnsignedPropertiesType"/>
<xsd:complexType name="UnsignedPropertiesType">
 <xsd:sequence>
   <xsd:element ref="UnsignedSignatureProperties" min0ccurs="0"/>
   <xsd:element ref="UnsignedDataObjectProperties" minOccurs="0"/>
 </xsd:sequence>
 <xsd:attribute name="Id" type="xsd:ID" use="optional"/>
</xsd:complexType>
<!-- End UnsignedProperties -->
<!-- Start SignedSignatureProperties --> <!-- Definition changed: added new optional children for EN -->
<xsd:element name="SignedSignatureProperties" type="SignedSignaturePropertiesType"/>
<xsd:complexType name="SignedSignaturePropertiesType">
 <xsd:sequence>
   <xsd:element ref="SigningTime" minOccurs="0"/>
   <xsd:element ref="SigningCertificate" minOccurs="0"/>
   <xsd:element ref="SigningCertificateV2" minOccurs="0"/>
   <xsd:element ref="SignaturePolicyIdentifier" minOccurs="0"/>
   <xsd:element ref="SignatureProductionPlace" minOccurs="0"/>
   <xsd:element ref="SignatureProductionPlaceV2" minOccurs="0"/>
   <xsd:element ref="SignerRole" min0ccurs="0"/>
   <xsd:element ref="SignerRoleV2" minOccurs="0"/>
   <xsd:any namespace="##other" min0ccurs="0" max0ccurs="unbounded"/>
 </xsd:sequence>
 <xsd:attribute name="Id" type="xsd:ID" use="optional"/>
</xsd:complexType>
<!-- End SignedSignatureProperties -->
<!-- Start SignedDataObjectProperties -->
<xsd:element name="SignedDataObjectProperties" type="SignedDataObjectPropertiesType"/>
<xsd:complexType name="SignedDataObjectPropertiesType">
 <xsd:sequence>
   <xsd:element ref="DataObjectFormat" minOccurs="0" maxOccurs="unbounded"/>
   <xsd:element ref="CommitmentTypeIndication" min0ccurs="0" max0ccurs="unbounded"/>
   <xsd:element ref="AllDataObjectsTimeStamp" minOccurs="0" maxOccurs="unbounded"/>
   <xsd:element ref="IndividualDataObjectsTimeStamp" minOccurs="0"</pre>
   maxOccurs="unbounded"/>
   <xsd:any namespace="##other" min0ccurs="0" max0ccurs="unbounded"/>
 </xsd:sequence>
 <xsd:attribute name="Id" type="xsd:ID" use="optional"/>
</xsd:complexType>
<!-- End SignedDataObjectProperties -->
<!-- Start UnsignedSignatureProperties -->
<xsd:element name="UnsignedSignatureProperties"</pre>
type="UnsignedSignaturePropertiesType"/>
<xsd:complexType name="UnsignedSignaturePropertiesType">
 <xsd:choice maxOccurs="unbounded">
   <xsd:element ref="CounterSignature"/>
   <xsd:element ref="SignatureTimeStamp"/>
   <xsd:element ref="CompleteCertificateRefs"/>
   <xsd:element ref="CompleteRevocationRefs"/>
   <xsd:element ref="AttributeCertificateRefs"/>
   <xsd:element ref="AttributeRevocationRefs"/>
   <xsd:element ref="SigAndRefsTimeStamp"/>
   <xsd:element ref="RefsOnlyTimeStamp"/>
```

```
<xsd:element ref="CertificateValues"/>
   <xsd:element ref="RevocationValues"/>
   <xsd:element ref="AttrAuthoritiesCertValues"/>
   <xsd:element ref="AttributeRevocationValues"/>
   <xsd:element ref="ArchiveTimeStamp"/>
   <xsd:any namespace="##other"/>
 </xsd:choice>
 <xsd:attribute name="Id" type="xsd:ID" use="optional"/>
</xsd:complexType>
<!-- End UnsignedSignatureProperties --> <!-- Start UnsignedDataObjectProperties -->
<xsd:element name="UnsignedDataObjectProperties"</pre>
type="UnsignedDataObjectPropertiesType"/>
<xsd:complexType name="UnsignedDataObjectPropertiesType">
 <xsd:sequence>
   <xsd:element name="UnsignedDataObjectProperty" type="AnyType"</pre>
   max0ccurs="unbounded"/>
 </xsd:seauence>
 <xsd:attribute name="Id" type="xsd:ID" use="optional"/>
</xsd:complexType>
<!-- End UnsignedDataObjectProperties -->
<!-- Start QualifyingPropertiesReference -->
<xsd:element name="QualifyingPropertiesReference"</pre>
type="QualifyingPropertiesReferenceType"/>
<xsd:complexType name="QualifyingPropertiesReferenceType">
 <xsd:attribute name="URI" type="xsd:anyURI" use="required"/>
 <xsd:attribute name="Id" type="xsd:ID" use="optional"/>
</xsd:complexType>
<!-- End QualifyingPropertiesReference -->
<!-- End container types --> <!-- Start SigningTime element -->
<xsd:element name="SigningTime" type="xsd:dateTime"/>
<!-- End SigningTime element -->
<!-- Start SigningCertificate -->
<xsd:element name="SigningCertificate" type="CertIDListType"/>
<xsd:complexType name="CertIDListType">
 <xsd:sequence>
   <xsd:element name="Cert" type="CertIDType" max0ccurs="unbounded"/>
 </xsd:sequence>
</xsd:complexType>
<xsd:complexType name="CertIDType">
 <xsd:sequence>
   <xsd:element name="CertDigest" type="DigestAlgAndValueType"/>
   <xsd:element name="IssuerSerial" type="ds:X509IssuerSerialType"/>
 </xsd:sequence>
 <xsd:attribute name="URI" type="xsd:anyURI" use="optional"/>
</xsd:complexType>
<xsd:complexType name="DigestAlgAndValueType">
 <xsd:sequence>
   <xsd:element ref="ds:DigestMethod"/>
   <xsd:element ref="ds:DigestValue"/>
 </xsd:sequence>
</xsd:complexType>
<!-- End SigningCertificate -->
<!-- Start SigningCertificateV2 and CertIDListV2Type -->
<xsd:element name="SigningCertificateV2" type="CertIDListV2Type"/>
<xsd:complexType name="CertIDListV2Type">
 <xsd:sequence>
   <xsd:element name="Cert" type="CertIDTypeV2" maxOccurs="unbounded"/>
 </xsd:sequence>
</xsd:complexType>
<xsd:complexType name="CertIDTypeV2">
   <xsd:element name="CertDigest" type="DigestAlgAndValueType"/>
   <xsd:element name="IssuerSerialV2" type="xsd:base64Binary" min0ccurs="0"/>
 </xsd:sequence>
 <xsd:attribute name="URI" type="xsd:anyURI" use="optional"/>
</xsd:complexType>
<!-- End SigningCertificateV2 and CertIDListV2Type -->
```

```
<!-- Start SignaturePolicyIdentifier -->
<xsd:element name="SignaturePolicyIdentifier" type="SignaturePolicyIdentifierType"/>
<xsd:complexType name="SignaturePolicyIdentifierType">
   <xsd:element name="SignaturePolicyId" type="SignaturePolicyIdType"/>
   <xsd:element name="SignaturePolicyImplied"/>
 </xsd:choice>
</xsd:complexType>
<xsd:complexType name="SignaturePolicyIdType">
 <xsd:sequence>
   <xsd:element name="SigPolicyId" type="ObjectIdentifierType"/>
   <xsd:element ref="ds:Transforms" min0ccurs="0"/>
   <xsd:element name="SigPolicyHash" type="DigestAlgAndValueType"/>
   <xsd:element name="SigPolicyQualifiers" type="SigPolicyQualifiersListType"</pre>
   minOccurs="0"/>
 </xsd:seauence>
</xsd:complexTvpe>
<xsd:complexType name="SigPolicyQualifiersListType">
 <xsd:sequence>
   <xsd:element name="SigPolicyQualifier" type="AnyType" maxOccurs="unbounded"/>
 </xsd:sequence>
</xsd:complexType>
<xsd:element name="SPURI" type="xsd:anyURI"/>
<xsd:element name="SPUserNotice" type="SPUserNoticeType"/>
<xsd:complexType name="SPUserNoticeType">
 <xsd:sequence>
   <xsd:element name="NoticeRef" type="NoticeReferenceType" minOccurs="0"/>
   <xsd:element name="ExplicitText" type="xsd:string" min0ccurs="0"/>
 </xsd:sequence>
</xsd:complexType>
<xsd:complexType name="NoticeReferenceType">
 <xsd:sequence>
   <xsd:element name="Organization" type="xsd:string"/>
   <xsd:element name="NoticeNumbers" type="IntegerListType"/>
 </xsd:sequence>
</xsd:complexType>
<xsd:complexType name="IntegerListType">
 <xsd:sequence>
   <xsd:element name="int" type="xsd:integer" min0ccurs="0" max0ccurs="unbounded"/>
 </xsd:sequence>
</xsd:complexType>
<!-- End SignaturePolicyIdentifier -->
<!-- Start CounterSignature -->
<xsd:element name="CounterSignature" type="CounterSignatureType"/>
<xsd:complexType name="CounterSignatureType">
 <xsd:sequence>
   <xsd:element ref="ds:Signature"/>
 </xsd:sequence>
 <xsd:attribute name="Id" type="xsd:ID" use="optional"/>
</xsd:complexType>
<!-- End CounterSignature -->
<!-- Start DataObjectFormat -->
<xsd:element name="DataObjectFormat" type="DataObjectFormatType"/>
<xsd:complexType name="DataObjectFormatType">
   <xsd:element name="Description" type="xsd:string" minOccurs="0"/>
   <xsd:element name="ObjectIdentifier" type="ObjectIdentifierType" minOccurs="0"/>
   <xsd:element name="MimeType" type="xsd:string" minOccurs="0"/>
   <xsd:element name="Encoding" type="xsd:anyURI" min0ccurs="0"/>
 </xsd:sequence>
 <xsd:attribute name="ObjectReference" type="xsd:anyURI" use="required"/>
</xsd:complexType>
<!-- End DataObjectFormat
<!-- Start CommitmentTypeIndication -->
<xsd:element name="CommitmentTypeIndication" type="CommitmentTypeIndicationType"/>
<xsd:complexType name="CommitmentTypeIndicationType">
   <xsd:element name="CommitmentTypeId" type="ObjectIdentifierType"/>
   <xsd:choice>
```

```
<xsd:element name="ObjectReference" type="xsd:anyURI" maxOccurs="unbounded"/>
     <xsd:element name="AllSignedDataObjects"/>
   </xsd:choice>
   <xsd:element name="CommitmentTypeQualifiers" type="CommitmentTypeQualifiersListType"</pre>
   minOccurs="0"/>
 </xsd:sequence>
</xsd:complexType>
<xsd:complexType name="CommitmentTypeQualifiersListType">
 <xsd:sequence>
   <xsd:element name="CommitmentTypeQualifier" type="AnyType" min0ccurs="0"</pre>
   max0ccurs="unbounded"/>
 </xsd:sequence>
</xsd:complexType>
<!-- End CommitmentTypeIndication
<!-- Start SignatureProductionPlace
     Start SignatureProductionPlace -->
<xsd:element name="SignatureProductionPlace" type="SignatureProductionPlaceType"/>
<xsd:complexType name="SignatureProductionPlaceType">
 <xsd:sequence>
   <xsd:element name="City" type="xsd:string" min0ccurs="0"/>
   <xsd:element name="StateOrProvince" type="xsd:string" minOccurs="0"/>
   <xsd:element name="PostalCode" type="xsd:string" minOccurs="0"/>
<xsd:element name="CountryName" type="xsd:string" minOccurs="0"/>
 </xsd:sequence>
</xsd:complexType>
<!-- End SignatureProductionPlace --> <!-- Start SignatureProductionPlaceV2 and SignatureProductionPlaceV2Type -->
<xsd:element name="SignatureProductionPlaceV2" type="SignatureProductionPlaceV2Type"/>
<xsd:complexType name="SignatureProductionPlaceV2Type">
 <xsd:sequence>
   <xsd:element name="City" type="xsd:string" minOccurs="0"/>
   <xsd:element name="StreetAddress" type="xsd:string" min0ccurs="0"/>
   <xsd:element name="StateOrProvince" type="xsd:string" minOccurs="0"/>
   <xsd:element name="PostalCode" type="xsd:string" min0ccurs="0"/>
   <xsd:element name="CountryName" type="xsd:string" min0ccurs="0"/>
 </xsd:sequence>
</xsd:complexType>
<!-- End SignatureProductionPlace --> <!-- Start SignerRole -->
<xsd:element name="SignerRole" type="SignerRoleType"/>
<xsd:complexType name="SignerRoleType">
 <xsd:sequence>
   <xsd:element name="ClaimedRoles" type="ClaimedRolesListType" minOccurs="0"/>
   <xsd:element name="CertifiedRoles" type="CertifiedRolesListType" min0ccurs="0"/>
 </xsd:sequence>
</xsd:complexType>
<xsd:complexType name="ClaimedRolesListType">
 <xsd:sequence>
   <xsd:element name="ClaimedRole" type="AnyType" maxOccurs="unbounded"/>
 </xsd:sequence>
</xsd:complexType>
<xsd:complexType name="CertifiedRolesListType">
 <xsd:sequence>
   <xsd:element name="CertifiedRole" type="EncapsulatedPKIDataType"</pre>
   maxOccurs="unbounded"/>
 </xsd:sequence>
</xsd:complexType>
<!-- End SignerRole -->
<!-- Start SignerRoleV2 and SignerRoleV2Type -->
<xsd:element name="SignerRoleV2" type="SignerRoleV2Type"/>
<xsd:complexType name="SignerRoleV2Type">
   <xsd:element ref="ClaimedRoles" minOccurs="0"/>
   <xsd:element ref="CertifiedRolesV2" minOccurs="0"/>
   <xsd:element ref="SignedAssertions" min0ccurs="0"/>
 </xsd:sequence>
</xsd:complexType>
<xsd:element name="ClaimedRoles" type="ClaimedRolesListType"/>
<xsd:element name="CertifiedRolesV2" type="CertifiedRolesListTypeV2"/>
<xsd:element name="SignedAssertions" type="SignedAssertionsListType"/>
```

```
<xsd:complexType name="CertifiedRolesListTypeV2">
 <xsd:sequence>
   <xsd:element name="CertifiedRole" type="CertifiedRoleTypeV2" max0ccurs="unbounded"/>
 </xsd:sequence>
</xsd:complexType>
<xsd:complexType name="CertifiedRoleTypeV2">
 <xsd:choice>
   <xsd:element ref="X509AttributeCertificate"/>
   <xsd:element ref="OtherAttributeCertificate"/>
 </xsd:choice>
</xsd:complexType>
<xsd:element name="X509AttributeCertificate" type="EncapsulatedPKIDataType"/>
<xsd:element name="OtherAttributeCertificate" type="AnyType"/>
<xsd:complexType name="SignedAssertionsListType">
 <xsd: sequence>
   <xsd:element ref="SignedAssertion" maxOccurs="unbounded"/>
 </xsd:sequence>
</xsd:complexType>
<xsd:element name="SignedAssertion" type="AnyType"/>
<!-- End SignerRoleV2 and SignerRoleV2Type
<xsd:element name="AllDataObjectsTimeStamp" type="XAdESTimeStampType"/>
<xsd:element name="IndividualDataObjectsTimeStamp" type="XAdESTimeStampType"/>
<xsd:element name="SignatureTimeStamp" type="XAdESTimeStampType"/>
<!-- Start CompleteCertificateRefs
<xsd:element name="CompleteCertificateRefs" type="CompleteCertificateRefsType"/>
<xsd:complexType name="CompleteCertificateRefsType">
 <xsd:sequence>
   <xsd:element name="CertRefs" type="CertIDListType"/>
 </xsd:sequence>
 <xsd:attribute name="Id" type="xsd:ID" use="optional"/>
</xsd:complexType>
<!-- End CompleteCertificateRefs --> <!-- Start CompleteRevocationRefs -->
<xsd:element name="CompleteRevocationRefs" type="CompleteRevocationRefsType"/>
<xsd:complexType name="CompleteRevocationRefsType">
 <xsd:sequence>
   <xsd:element name="CRLRefs" type="CRLRefsType" min0ccurs="0"/>
   <xsd:element name="OCSPRefs" type="OCSPRefsType" minOccurs="0"/>
   <xsd:element name="OtherRefs" type="OtherCertStatusRefsType" minOccurs="0"/>
 </xsd:sequence>
 <xsd:attribute name="Id" type="xsd:ID" use="optional"/>
</xsd:complexType>
<xsd:complexType name="CRLRefsType">
 <xsd:sequence>
   <xsd:element name="CRLRef" type="CRLRefType" maxOccurs="unbounded"/>
 </xsd:sequence>
</xsd:complexType>
<xsd:complexType name="CRLRefType">
 <xsd:sequence>
   <xsd:element name="DigestAlgAndValue" type="DigestAlgAndValueType"/>
   <xsd:element name="CRLIdentifier" type="CRLIdentifierType" min0ccurs="0"/>
 </xsd:sequence>
</xsd:complexType>
<xsd:complexType name="CRLIdentifierType">
   <xsd:element name="Issuer" type="xsd:string"/>
   <xsd:element name="IssueTime" type="xsd:dateTime"/>
   <xsd:element name="Number" type="xsd:integer" min0ccurs="0"/>
 </xsd:sequence>
 <xsd:attribute name="URI" type="xsd:anyURI" use="optional"/>
</xsd:complexType>
<xsd:complexType name="OCSPRefsType">
 <xsd:sequence>
   <xsd:element name="OCSPRef" type="OCSPRefType" maxOccurs="unbounded"/>
 </xsd:sequence>
</xsd:complexType>
<xsd:complexType name="OCSPRefType">
 <xsd:sequence>
   <xsd:element name="OCSPIdentifier" type="OCSPIdentifierType"/>
```

```
<xsd:element name="DigestAlgAndValue" type="DigestAlgAndValueType" min0ccurs="0"/>
   </xsd:sequence>
 </xsd:complexType>
 <xsd:complexType name="ResponderIDType">
   <xsd:choice>
     <xsd:element name="ByName" type="xsd:string"/>
     <xsd:element name="ByKey" type="xsd:base64Binary"/>
   </xsd:choice>
 </xsd:complexType>
 <xsd:complexType name="OCSPIdentifierType">
   <xsd:sequence>
     <xsd:element name="ResponderID" type="ResponderIDTvpe"/>
     <xsd:element name="ProducedAt" type="xsd:dateTime"/>
   </xsd:seauence>
   <xsd:attribute name="URI" type="xsd:anyURI" use="optional"/>
 </xsd:complexTvpe>
 <xsd:complexType name="OtherCertStatusRefsType">
   <xsd:sequence>
     <xsd:element name="OtherRef" type="AnyType" maxOccurs="unbounded"/>
   </xsd:sequence>
 </xsd:complexType>
 <!-- End CompleteRevocationRefs -->
 <xsd:element name="AttributeCertificateRefs" type="CompleteCertificateRefsType"/>
 <xsd:element name="AttributeRevocationRefs" type="CompleteRevocationRefsType"/>
 <xsd:element name="SigAndRefsTimeStamp" type="XAdESTimeStampType"/>
 <xsd:element name="RefsOnlyTimeStamp" type="XAdESTimeStampType"/>
 <!-- Start CertificateValues
 <xsd:element name="CertificateValues" type="CertificateValuesType"/>
 <xsd:complexType name="CertificateValuesType">
   <xsd:choice min0ccurs="0" max0ccurs="unbounded">
     <xsd:element name="EncapsulatedX509Certificate" type="EncapsulatedPKIDataType"/>
     <xsd:element name="OtherCertificate" type="AnyType"/>
   </xsd:choice>
   <xsd:attribute name="Id" type="xsd:ID" use="optional"/>
 </xsd:complexType>
 <!-- End CertificateValues --> <!-- Start RevocationValues -->
 <xsd:element name="RevocationValues" type="RevocationValuesType"/>
 <xsd:complexType name="RevocationValuesType">
   <xsd:sequence>
     <xsd:element name="CRLValues" type="CRLValuesType" min0ccurs="0"/>
     <xsd:element name="OCSPValues" type="OCSPValuesType" minOccurs="0"/>
     <xsd:element name="OtherValues" type="OtherCertStatusValuesType" minOccurs="0"/>
   </xsd:sequence>
   <xsd:attribute name="Id" type="xsd:ID" use="optional"/>
 </xsd:complexType>
 <xsd:complexType name="CRLValuesType">
   <xsd:sequence>
     <xsd:element name="EncapsulatedCRLValue" type="EncapsulatedPKIDataType"</pre>
    max0ccurs="unbounded"/>
   </xsd:sequence>
 </xsd:complexType>
 <xsd:complexType name="OCSPValuesType">
     <xsd:element name="EncapsulatedOCSPValue" type="EncapsulatedPKIDataType"</pre>
    maxOccurs="unbounded"/>
   </xsd:sequence>
 </xsd:complexType>
 <xsd:complexType name="OtherCertStatusValuesType">
     <xsd:element name="OtherValue" type="AnyType" maxOccurs="unbounded"/>
   </xsd:sequence>
 </xsd:complexType>
 <!-- End RevocationValues -->
 <xsd:element name="AttrAuthoritiesCertValues" type="CertificateValuesType"/>
 <xsd:element name="AttributeRevocationValues" type="RevocationValuesType"/>
 <xsd:element name="ArchiveTimeStamp" type="XAdESTimeStampType"/>
</xsd:schema>
```